Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

SBRNO: 03/25-4-18

No. ***First & Final Bill*** (For Other Works) Date……..2018

Division: **BBMP, Byatarayanapura** Sub-Division: **BBMP, Byatarayanapura**

Bill Received No. Dated Divisional Cash Book Voucher No…… Dated…….
Sub Divisional **Work Code: 006-17-000009**

Schedule Docket No. Head of Account: **P-3111** **Est.Cost: 57.30 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate): **Construction of Balance Work Compound Wall, DG Room, Office Room Parking area and Toilet at Samudhaya Bhavana Hegdenara (near Dry Waste Collection Centre) in Ward No. 06, Byatarayanapura Sub Division.**

Name of Contractor and Full Address: ***Executive Engineer, Karnataka Rural Infrastructure Development Limited, # 280, 59th Cross Road, 17th 'C' Main Road 3rd 'Y' Block, Rajajinagara, Bangalore - 10.***

Reference to Agreement No. **BBMP/EE/BTP/KRIDL/WO/111/2017-18** **Date: 17.03.2018**

Certified that the measurements were taken by me on 21/4/18 and recorded of **Pages** 4258 to 51 of measurement Book No. 4258 2017-18 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 21/4/2018 and found correct. The work is satisfactorily executed.

Assistant Executive Engineer, Byatarayanapura Sub-Division KRIDL BBMP, Bangalore

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment **Sub-Division Officer**

1) Total value of work done or supplies made as per account within		
2) Deduct amount to be held in reserve being ……percent Rs……		
3) " Balance		
4) Deduct Payment:		
a. Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D. No…… adjusted towards cash advance recovery of	Amount	57,25,729-00
b. Payments Now made } cost store or other material supplied.	IT-	114515-00
recovery of amount creditable to this/other work	Cess-	57257-00
Amount paid on this bill Cheque / Cash.	CBF-	5726-00
5) Balance being unpaid value of work done held in reserve.	LR-	52104-00
6) Deduct cash advance made on the Office cash Book Voucher No…… dated……less adjustments.	FSD-	286286-00
7) Net amount due to or from Contractor unadjustments items.	Adju.	5.15,888-00
8) Advance to Contractor for materials brought to site (as detailed) within.	Cheque	52,09,841-00
9) Value of Government materials supplied.		
Total amount adjusted -		

Contractor's Signature

Received Rs…….. (in words)……
……
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Assistant Executive Engineer, Byatarayanapura Sub-Division KRIDL BBMP, Bangalore

(For use in the Office)

Witness
1.
2.

Stamp

ಮಂಜೂರಾಗಬೇಕಾದ ರೂ. 57,25,729-00.
ಕಡಿತ ಮಾಡಿದ : ಇದರಲ್ಲಿ ರೂ. 5,15,888-00
ಚೆಕ್ಕಿನಿಂದ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಹಣ ರೂ. 52,09,841-00
Rs: Fifty two Lakh nine thousand eight hundred forty one only.
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

Dated Signature of Contractor
Paid by me by Cheque No……Dated……
Cash Rs……
Dated……

Assistant Executive Engineer, Byatarayanapura Sub-Division KRIDL BBMP, Bangalore

Initials of Officer making payment **Executive Engineer**

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25/4

Sl. No.		Unit
1	Construction of embankment with approved material gravel/murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications. (which includes cost of gravel/murrum, watering charges & compaction by vibratory roller)	Cum
2	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m. In depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications.	Cum
3	Providing and laying in position plain cement concrete of **mix M7.5 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum
4	Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6**, stone hammered dressed in courses not less than 20 cms high, bond stones, at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum
	Qty Above 125%	Cum
5	Providing and constructing granite / trap / basalt size stone masonry in **basement** with **cement mortar 1:6**, edges of stone chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specification.	Cum
6	Providing and injecting chemical emulsion for Preconstructional anti-termite treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulisifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one precent concentration, labour, HOM of equipments, complete as specifications.(Plinth area of building at ground floor only shall be measured)	Sqm
	Qty Above 125%	
7	Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.	Sqm
8	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	Sqm
9	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams.	Cum
	Qty Above 125%	
10	Providing and laying in position **reinforced cement concrete of design mix M20** with OPC cement @ 24kgs, with 12 mm and down size graded granite metal coarse aggregates @ 0.5175 cum and fine aggregates @ 0.345 cum with superplastisiser @ 0.225lts,machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor lever, including cost of all materials, labour, HOM of machinery, curing, complete as per specification.	Sqm
	Qty Above 125%	
11	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **TMT Bars FE 500**	Tonne
	Qty Above 125%	
12	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to **ceiling** including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm
13	Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm
14	Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications.	Sqm
15	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm
16	Providing and removing centering, shuttering, strutting, propping etc., and **removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm** including cost of all materials, labour complete as per specifications	Sqm
	Qty Above 125%	

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	440.87	220.32	97132.00	440.87	97132.00	
-	-	231.85	283.02	65618.00	231.85	65618.00	
-	-	67.47	4976.70	335778.00	67.47	335778.00	
-	-	177.75	3910.34	695063.00	177.75	695063.00	
-	-	4.38	3910.34	17127.00	4.38	17127.00	
-	-	58.35	4814.52	280927.00	58.35	280927.00	
-	-	753.75	108.12	81495.00	753.75	81495.00	
-	-	537.45	108.12	58109.00	537.45	58109.00	
-	-	200.24	97.52	19527.00	200.24	19527.00	
-	-	378.17	999.58	378011.00	378.17	378011.00	
-	-	91.13	6345.16	578234.00	91.13	578234.00	
-	-	64.03	6345.16	406281.00	64.03	406281.00	
-	-	10.95	461.10	5049.00	10.95	5049.00	
-	-	4.20	461.10	1937.00	4.20	1937.00	
-	-	12.49	58229.25	727283.00	12.49	727283.00	
-	-	4.39	58229.25	255626.00	4.39	255626.00	
-	-	92.13	193.98	17871.00	92.13	17871.00	
-	-	359.87	235.32	84685.00	359.87	84685.00	
-	-	452.00	25.44	11499.00	452.00	11499.00	
-	-	322.80	199.28	64328.00	322.80	64328.00	
-	-	175.50	572.40	100456.00	175.50	100456.00	
-	-	85.95	572.40	49198.00	85.95	49198.00	

Sl. No.		Unit
17	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications.	m
18	Providing and **removing centering, shuttering, strutting, propping etc.,** and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications.	Sqm
	Qty Above 125%	
19	Supply and fixing pressed steel door frames size 125x65 mm manufacture from 1.25mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and sutters made out of seasoned honne wood, styles of 30mm, thick with lock rail of 160mm, width, top and side rails of 100mm, width width and bottom rails of 250 mm width and panel filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be not proof, vermin proof, heat resistant guaranteed against shrinkage, warpage and such other defects for a period of 3 years, this shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting wit enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc, complete the hollow portion of the frame to be filled with cement concrete1:2:4.	Sqm
20	Supplying and fixing pressed steel window frame of size 100x50mm manufacture from 1.25 mm thick carbon steel or imported steel strips with neat mitred joints at 900degree for window openings and shall be suitable to fix M.S grills as per design and drawings using 12mm dia roads at 100mm centre to centre horizontally and two members of M.S flats of 6mmx40mm size at 150mm apart, welded into a frame of 6mmx40mm size M.S flats with 16mm size lugs, and 8nos, of 100mm size hinger, 4nos of butt stay pins and 4nos, tower bolts and shutters half paneled and half glazed with shutters made out of seasoned honne wood, styles of 30mm thick and 100 mm width and rails of 30mm thick and 100 mm width and using 4mm thick pin headed glass and panel, filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof vermin proof, heat resistant guaranteed against shrinkage, warp age and such other defects for a period of 3 years, this shall be as per approved drawin	Sqm
21	Providing & fixing factory made PVC Door frame of size 50x47 mm with a wall thickness of 5mm, made out of extruded 7mm rigid PVC foam sheet metered cut at corners & jointed 2No.s of 150mm long brackets of 15x15 mm M.S. Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufactures specification & direction of Engineer-in charge **SOLID PVC DOOR FRAME**	Sqm
22	SOLID PANEL PVC DOOR SHUTTER Providing and fixing 30 mm thick factorily made rigid foam panelled door shutters made from M.S Tuvbe of 19 gauge thickeness size 19x19 mm tro styles and 15x15mm for top and bottom rails, coverted with heat moulded PVC channel of 5 mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rails & bottom rail panelling of 5 mm thick 20mm wide PVC sheet fittled in te M.S Frame sealed to the styless & rails with 5 x 30mm PVC sheet beading on ewither sides & joined together with solvent cement adhesive etc., complete as per manufactures specification & direction of Engineer - in charge fixed to frames with 3 nos, of 75mm Aluminium hinges	Sqm
23	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foregin matter including preparing the surface even and sand paper smooth, cost of materials, labours, complete as per specifications	Sqm
24	Providing and finishing external walls in tow coats with water proof cement paint of approve brand and shade to give an even shade after thourghly brooming the surface to remove all dirt and losse powdered material, free from mortar dops and other foreign matter cost of materials, labours, complete as per specifications **with Primer**	Cum
25	Providing colour glazed tiles of size 10mm thick for flooring, treads of steps and landing, laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing using white cement with matching colour pigment, including cost of materials, labour, complete as per specifications.	Sqm
26	Providing skirting, dado, rises of steps with Colour glazed tiles 15x15cms 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface white should be measured and paid separately) using glazed tiles of approved make and size of materials, labour, complete as per specifications.	Sqm
27	Providing and fixing on wall surface 4.0kg/sq.cm H.D.P.E rain down water pipes 90mm outer dia approved make and brand with necessary specials like shoes bends and offsets fixed with iron clamps, walls plugs, screws, including cost of materials, labour, complete as per specifications.	m
28	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufactures of blocks of approved size , shape and colour with a minimum compressive strength of 281kgs per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour, curing complete as per specifications.	Sqm

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	15.15	278.78	4224.00	15.15	4224.00	
-	-	216.50	239.56	51865.00	216.50	51865.00	
-	-	313.86	239.56	75188.00	313.86	75188.00	
-	-	28.26	3710.00	104845.00	28.26	104845.00	
-	-	1.08	3945.32	4261.00	1.08	4261.00	
-	-	11.34	552.26	6263.00	11.34	6263.00	
-	-	11.34	3365.50	38165.00	11.34	38165.00	
-	-	452.00	69.96	31622.00	452.00	31622.00	
-	-	322.80	83.74	27031.00	322.80	27031.00	
-	-	40.00	1504.14	60166.00	40.00	60166.00	
-	-	138.24	1037.74	143457.00	138.24	143457.00	
-	-	40.00	451.56	18062.00	40.00	18062.00	
-	-	0.00	833.16	0.00	0.00	0.00	

Sl. No.		Unit
29	Providing and fixing white vitreous china clay, flat back wash basin of size 630x450mm with pair of 15mm C.P brass pillar taps with C.I./M.S. brackets, 32mm C.P. brass waste of standard pattern, painting of fitting and brackets ,cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	Unit
30	Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P. V. C. flushing cistern (all are approved make) with fittings, C.I. / M.S. brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labours complete as per specifications.	Pan
31	Providing and fixing to wall, ceiling and floor, high-density polyethylene pipes 6.00KGF/sq.cm. working pressure 32mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling an floor including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.	M
32	Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 15mm dia nominal bore with fittings (medium grade weight 1.27 kg/mtr) B class including cost of all materials, labour, charges HOM of equipments and testing complete as per specifications.	m
33	Providing and fixing in position brass gate valve with C.I. wheel of approved quality (screwed end) 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each
34	Providing and fixing unplasticised PVC connection pipe with brass union 15mm nominal bore 300 mm length of PVC connection including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Set
35	Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each
36	Supppying water storage tanks made of virgin polymer (LLDPE) with two layers outer black of blue and inner white layer of approved quality and make, conforming to	L
37	**Groove Cutting :** Supplying ... dia 2mm/2.5mm thick heavy gauage PVC Conduit Pipe with bends metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary	Mtrs
38	25 mm dia 2mm thick	
39	Supplying and flush mounting teak wooden box with out front plank made of not less than 12mm thick wood after due groove cutting necessary masonry patch work complete	Each
40	8"X6"X3" (300X228X76mm)	
41	Supplying and fixing PVC/metal conduit accessories special type Junction Box	Each
42	Deep 32 mm Junction Box	No
43	Fan Box 18 /SWG	Each
44	Point Wiring using copper wire with switch Supplying and wiring adopting loop system in existing PVC Conduit / casing caping using Copper PVC insulated multi strand 2x1.5 Sqmm copper wire with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet gang box the other end of the wires shall be terminated with sufficient loose length in a wood PVC round block complete for each outlet	Each
45	b) Medium point above 3mtr upto 6mtr from tapping point to out let via switch	
46	C) Long point above 6mtrs upto 10mtrs from tapping point to outlet via switch	
47	Supplying and fixing of modular switch / socket/Stepped electrical fan regulator / dimmer / telephone socket etc on existing modular switch plate	Each
48	4-5Way	No.
49	6Way	No
	8Way	
50	10-12Way	No.
51	Supplying and fixing superior quality modula switch mounting polyorbonate plate with cecessary supporting back plate with required nos. of machines screwes, bolts nuts etc., complete on the existing metal/PVC box	Each
52	4 Modular	No
53	6 Modular	Sq.Cm
54	8 Modular	Nos
55	12 Modular	No
56	Supplying and fixing of modular switch / socket/Stepped electrical fan regulator / dimmer / telephone socket etc on existing modular switch plate	Each
57	6Amps 3way Socket.	No
58	Stepped Fan Regulator	No
59	16 Amps one way switch	No
60	6Amps Bell push	No
61	6/16 Amps univesla Socket	Cum
62	TV / Telephone Socket	Rmtr

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	5.00	3931.54	19658.00	5.00	19658.00	
-	-	2.00	5279.86	10560.00	2.00	10560.00	
-	-	100.00	193.98	19398.00	100.00	19398.00	
		50.00	366.76	18338.00	50.00	18338.00	
		2.00	1007.00	2014.00	2.00	2014.00	
		15.00	890.40	13356.00	15.00	13356.00	
		40.00	192.44	7698.00	40.00	7698.00	
		1000.00	6.36	6360.00	1000.00	6360.00	
		150.00	43.00	6450.00	150.00	6450.00	
		75.00	53.00	3975.00	75.00	3975.00	
		4.00	68.00	272.00	4.00	272.00	
		4.00	52.00	208.00	4.00	208.00	
		20.00	29.00	580.00	20.00	580.00	
		25.00	33.00	825.00	25.00	825.00	
		15.00	57.00	855.00	15.00	855.00	
		5.00	175.00	875.00	5.00	875.00	
		12.00	260.00	3120.00	12.00	3120.00	
		16.00	368.00	5888.00	16.00	5888.00	
		10.00	90.00	900.00	10.00	900.00	
		3.00	100.00	300.00	3.00	300.00	
		7.00	175.00	1225.00	7.00	1225.00	
		5.00	195.00	975.00	5.00	975.00	
		5.00	210.00	1050.00	5.00	1050.00	
		10.00	82.00	820.00	10.00	820.00	
		5.00	100.00	500.00	5.00	500.00	
		7.00	125.00	875.00	7.00	875.00	
		4.00	175.00	700.00	4.00	700.00	
		5.00	230.00	1150.00	5.00	1150.00	
		50.00	96.00	4800.00	50.00	4800.00	
		20.00	165.00	3300.00	20.00	3300.00	
		7.00	530.00	3710.00	7.00	3710.00	
		7.00	132.00	924.00	7.00	924.00	
		2.00	115.00	230.00	2.00	230.00	
		7.00	205.00	1435.00	7.00	1435.00	
		4.00	115.00	460.00	4.00	460.00	

Sl. No.		Unit
63	Rj45/IO Oulet	Cum
64	Wiring for lighting power curcuit using one of PVC insluated 1100v grade multistrand copper conductor single core cable in open or concealed system of wiring	Mtrs
65	2.5 Sqmm	
66	4 Sqmm	
67	6 Sqmm	
68	Supplying an fixing one of 230 volts PBBC bakelite staight or slant batten holder and wiring with in 60w/230 Volts lamps	No
69	Extra for supplying 4mm thick white plastic plate and convering for juncrtion boxese or size 80mm conduit using necessary machine screws	No
70	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulatoirs etc and fixing on existing wooden or metal box using NF screws	Sqc m
71	Supply patty type fluorescent tube light fitting of 4' - 36/40 watts fluorescent tube fitting, made out of M.S. Sheet and stove enameled with low loss open construction copper wound ferromagnetic ballast, starter, locking, locking type brass contact holder mounted on double fold type sheet base fully wired for used on 230 Volts A C Supply including fluouresecent tube	Each
72	Supplying of Incandescent lamps	
73	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system KPWD SR 2007-08 (P-23, I-23) Regulator Model (Khaitan, Crompton Geaves, Orient, Polar, Bajaj, Usha, Havells, Almonard	Each
74	Supplying wall mounting fan suitable to operat	
75	Supplying and fixing superior quality modula switch mounting polyorbonate plate with ncecessary supporting back plate with required nos. of machines screwes, bolts nuts etc., complete on the existing metal/PVC box	Each
76	8 Modular	
77	Supplying and fixing of modular switch / socket/Stepped electrical fan regulator / dimmer / telephone socket etc on existing modular switch plate	Each
78	6Amps 3way Socket.	
79	Supplying and fixing 32Amps security and energy savings DP switch with key tag suitable to operate on 230 Volts 50Hz AC supply & completely wired on existing box	Each
80	Supplying an fixing one of 230 volts PBBC bakelite staight or slant batten holder and wiring with in 60w/230 Volts lamps	No
81	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required	Each
82	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc	
83	Supplying and fixing of porcelain fuse channel with cut out on existing wooden /panel using necessary nuts, bolts and washers etc complete	
84	Supplying of LTUG cable having aluminium condutor PVC insulated shethed, galvnised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class. 4 core 16 Sqmm	Mtr
85	Labour charges for laying of 1.1 K.V class UG cable **In existing trencg/duct 6Sqmm to 16 Sqmm)**	Mtr
86	Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., complete	Mtr
	Asphalt Cutting	
87	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class	Mtr
88	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.,	No.
89	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia,	No
90	Supplying and drawing UTP-CAT -E LAN calve (49/31)	Nos
91	1HP Submercible centrifugal force pump of approved make with all necessary fittings including wiring switch board, starter etc., and Electronic Automatic Equipment (Programmable Logic Control)	LRQ
	Sub Total	
	8% KRIDL Charges	
	1% Third party Inspection Charges	
	Total	

CERTIFICATE

1. Certified that the above work done satisfactory and no materials issued from departmentally.

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
		4.00	525.00	2100.00	4.00	2100.00	
		150.00	150.00	22500.00	150.00	22500.00	
		1900.00	25.00	47500.00	1900.00	47500.00	
		1900.00	32.00	60800.00	1900.00	60800.00	
		75.00	52.00	3900.00	75.00	3900.00	
		12.00	60.00	720.00	12.00	720.00	
		12.00	6.48	78.00	12.00	78.00	
		2500.00	0.22	550.00	2500.00	550.00	
		15.00	675.00	10125.00	15.00	10125.00	
		15.00	14.00	210.00	15.00	210.00	
		4.00	1800.00	7200.00	4.00	7200.00	
		2.00	2400.00	4800.00	2.00	4800.00	
		4.00	82.00	328.00	4.00	328.00	
		8.00	175.00	1400.00	8.00	1400.00	
		4.00	96.00	384.00	4.00	384.00	
		3.00	165.00	495.00	3.00	495.00	
		2.00	630.00	1260.00	2.00	1260.00	
		2.00	60.00	120.00	2.00	120.00	
		2.00	560.00	1120.00	2.00	1120.00	
		2.00	285.00	570.00	2.00	570.00	
		2.00	100.00	200.00	2.00	200.00	
		50.00	215.00	10750.00	50.00	10750.00	
		50.00	11.00	550.00	50.00	550.00	
		25.00	40.00	1000.00	25.00	1000.00	
		10.00	60.00	600.00	10.00	600.00	
		5.00	240.00	1200.00	5.00	1200.00	
		1.00	286.00	286.00	1.00	286.00	
		2.00	3000.00	6000.00	2.00	6000.00	
		230.00	35.00	8050.00	230.00	8050.00	
		1.00	18000.00	18000.00	1.00	18000.00	
			~~52,52,944~~	5252963.00		5252963.00	
				420237.04		420237.04	
				52529.63		7989.00	
				5725729.67		5725729.67	

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ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24